

Name: _____

For questions 1-5: Solve each question for y .

1. $y + 2x = 5$

2. $2y + 4x = 8$

3. $3x - 5y = 9$

4. $4x = 3y - 7$

5. $5x = -4y + 4$

For questions 6-8: Solve each equation for y . Then find the value of y for each value of x .

6. $2y + 7x = 4$; $x = 5, 10, 15$

x	y
5	
10	
15	

7. $x - 4y = -4$; $x = -2, 4, 6$

x	y
-2	
4	
6	

8. $6x = 7 - 4y$; $-2, -1, 0$

10. $2(y - 4) = -4y + 10$

For question 11: Solve the equation for b . Then find the value of b given A and h .

x	y
-2	
-1	
0	

11. $A = bh$; $A = 100$, $h = 50, 32, 53, 5$

For questions 9 and 10: Solve each equation for the variable

9. $4 + 12a = -2(6 - 4a)$

A	h	b
100	50	
100	32	
100	53	
100	5	